



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mohammed N. Islam
Serial No.: 10/005,472
Filing Date: November 6, 2001
Group Art Unit: 3663
Examiner: Deandra M. Hughes
Confirmation No.: 9249
Title: MULTI-STAGE OPTICAL AMPLIFIER AND
BROADBAND COMMUNICATION SYSTEM

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE PURSUANT TO 37 C.F.R. § 1.116**

In response to the final Office Action mailed March 29, 2004, Applicant respectfully requests the Examiner to reconsider the rejection of the claims in view of the following amendments and remarks.